

Converting Colors

YIQ(52.2320, 21.0390, 31.7190)

Have a look what the booklet for
YIQ(52.2320, 21.0390, 31.7190)
contains.

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Color

**YIQ(52.2320, 21.0390,
31.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	5C1A53
RGB	92, 26, 83
RGB Percent	36%, 10%, 33%
CMY	0.6390, 0.8981, 0.6745
CMYK	0.00, 0.72, 0.10, 0.64
HSL	308°, 56%, 23%
HSV	308°, 72%, 36%
XYZ	6.3490, 3.6401, 8.5536
YIQ	52.2320, 21.0390, 31.7190

Conversions

Conversions Part 2

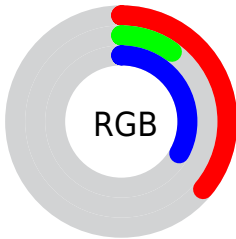
Format	Color
RYB	92, 26, 83
Decimal	6036051
CIELab	22.44, 37.17, -19.37
CIELCh	22, 41.913, 332.469
Yxy	3.6401, 0.3424, 0.1963
Android (android.graphics.Color)	4284226131 (0xFF5C1A53)
YUV	52.2320, 15.1686, 34.8765
Hunter-Lab	19.0790, 26.0122, -13.2259

Details

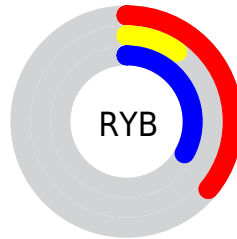
The YIQ color **52.2320, 21.0390, 31.7190** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **65.7680, -21.0390, -31.7190**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **102.8300, 22.2310, 32.1430**, and **17.7870, 14.6220, 21.3580** is the 20% darker color. If you saturate the color by 10%, you get **46.8350, 23.8350, 36.1150**, and if you desaturate by 10%, it is **57.6290, 18.2430, 27.3230**.

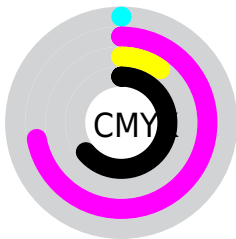
Distribution



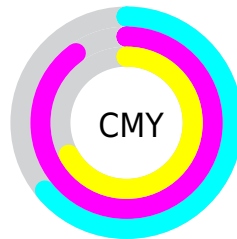
- Red (36%)
- Green (10%)
- Blue (33%)



- Red (36%)
- Yellow (10%)
- Blue (33%)



- Cyan (0%)
- Magenta (72%)
- Yellow (10%)
- Black (64%)



- Cyan (64%)
- Magenta (90%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.2320, 21.0390, 31.7190 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 52.2320, 21.0390, 31.7190 by changing the saturation by 10% instead.

■ 52.2320, 21.0390,
31.7190

■ 52.2320, 21.0390,
31.7190

■ 255.0000, -0.0000,
-0.0000

■ 26.8730, 20.6720,
32.8640

■ 102.8300, 22.2310,
32.1430

■ 17.7870, 14.6220,
21.3580

■ 128.8410, 23.6980,
33.0900

■ 3.2050, -1.8350,
5.7250

■ 155.5530, 24.5690,
33.8250


■ 0.0000, 0.0000,
0.0000


■ 182.3790, 25.1190,
34.8710


■ 210.0800, 24.5230,
34.6590


■ 227.9980, 12.6500,


24.0580


 244.4340, 4.9500,
9.4140


 52.2320, 21.0390,
31.7190


 52.2320, 21.0390,
31.7190


 46.8350, 23.8350,
36.1150


 57.6290, 18.2430,
27.3230


 41.3240, 26.9520,
40.2000

 63.1400, 15.1260,
23.2380

 36.5140, 29.4730,
44.0730

 69.1240, 12.0550,
18.3190

 74.5210, 9.2590,
13.9230

 79.9180, 6.4630,
9.5270

■ 85.4290, 3.3460,
5.4420

■ 90.8260, 0.5500,
1.0460

■ 96.8100, -2.5210,
-3.8730

■ 102.2070, -5.3170,
-8.2690

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.1720, -14.2630, 21.7130



52.2320, 21.0390, 31.7190



45.5520, 43.5050, 32.0570

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.2320, 21.0390, 31.7190



50.5460, 24.1650, -13.9390



49.2470, -46.3520, -7.9840

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52.2320, 21.0390, 31.7190



65.7680, -21.0390, -31.7190

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.5990, -36.0800, -17.9360



52.2320, 21.0390, 31.7190



45.6740, 2.8930, -24.9070

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.2320, 21.0390, 31.7190



50.0910, 42.0440, -2.0520



40.7770, -25.2580, -26.8420



49.9940, -52.5890, 0.4270

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.2320, 21.0390, 31.7190



46.2070, 48.5500, 23.2220



40.7770, -25.2580, -26.8420



48.1070, -43.1420, -11.0940

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52.2320, 21.0390, 31.7190



103.6950, 8.7090, 12.8770



36.2150, -15.8220, 22.4340



51.3800, 5.0420, 7.7460



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.2320, 21.0390, 31.7190



57.9430, 32.8190, 49.5150



48.4700, 31.6320, 21.4560



42.9510, 1.6960, 2.3040



43.7200, 35.0650, 52.8650



94.2330, 75.4470, 113.9990

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52.2320, 21.0390, 31.7190



57.9430, 32.8190, 49.5150



69.5300, -31.6320, -21.4560



42.9510, 1.6960, 2.3040



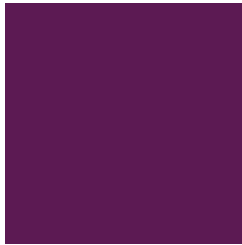
43.7200, 35.0650, 52.8650



94.2330, 75.4470, 113.9990

Previews

White Background



This preview shows how the YIQ color 52.2320, 21.0390, 31.7190 looks on a white background.

Color Contrast Check

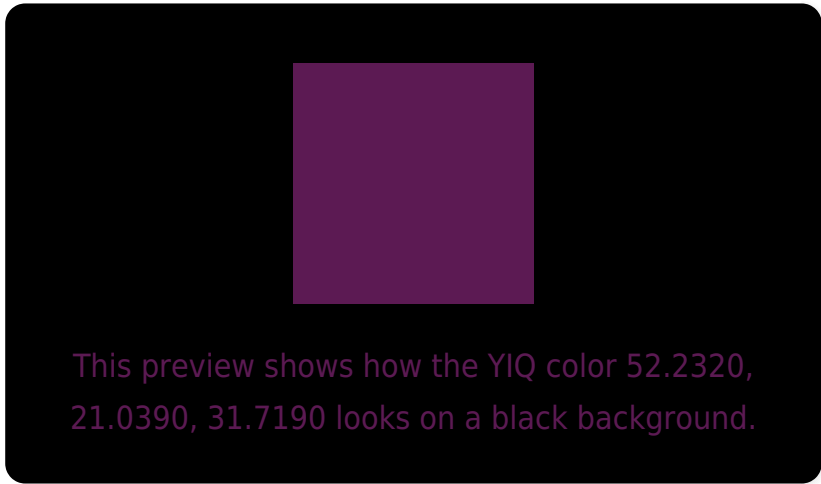
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

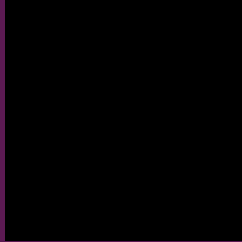
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 52.2320, 21.0390, 31.7190

Background



This preview shows how black text looks on a background with the YIQ color 52.2320, 21.0390, 31.7190.



This preview shows how white text looks on a background with the YIQ color 52.2320, 21.0390,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.2320, 21.0390, 31.7190

Protanopia

50.1860, -35.2140, 10.4340

Deuteranopia

55.0450, -13.0680, 5.5560



Tritanopia

53.9930, 28.2410, 11.3210

Trichromacy



Original Color

52.2320, 21.0390, 31.7190

Protanomaly

50.7650, -14.6750, 18.1650

Deuteranomaly

53.7850, -0.2320, 15.2240

Tritanomaly

53.0670, 25.3970, 18.8130

Monochromacy



Original Color

52.2320, 21.0390, 31.7190

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

52.4560, 7.8840, 11.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.2320, 21.0390, 31.7190 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(92, 26, 83)` looks like.

```
.text, #text, p{  
    color:rgb(92, 26, 83)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(92, 26, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 26, 83) }
```

Border

The CSS property to change the border of an element to YIQ 52.2320, 21.0390, 31.7190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 26, 83) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(92, 26, 83) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(92, 26, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 26, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 26, 83);  
box-shadow:4px 4px 4px 4px rgb(92, 26, 83)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.2320, 21.0390, 31.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 26, 83) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(92, 26,  
83) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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